Appendix D

USACE FATE Model Parameters and Results for Dredged Material Deposition Simulation

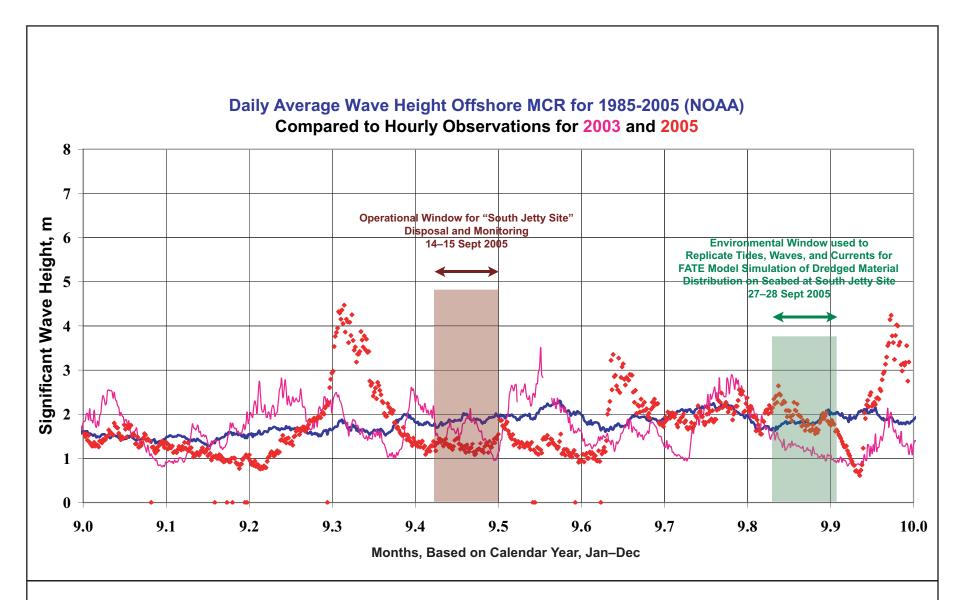
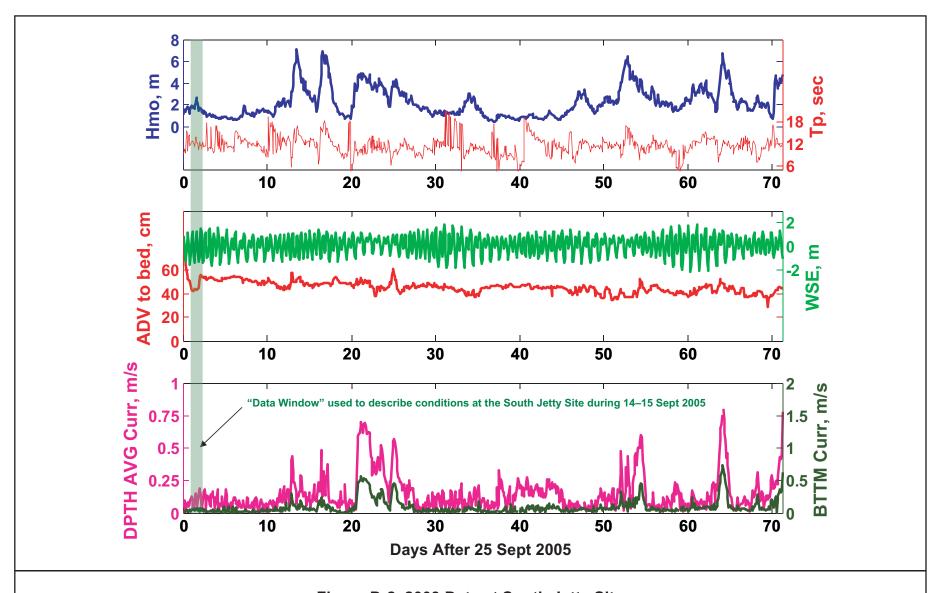




Figure D-1. Daily Average Wave Height Offshore MCR











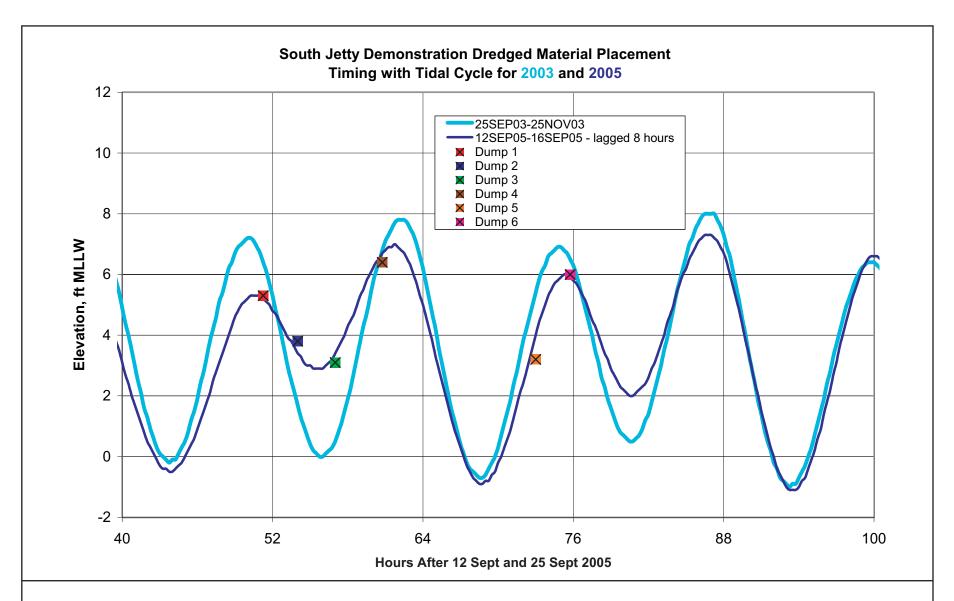




Figure D-3. South Jetty Demonstration Dredged Material Placement Timing with Tidal Cycle for 2003 and 2005



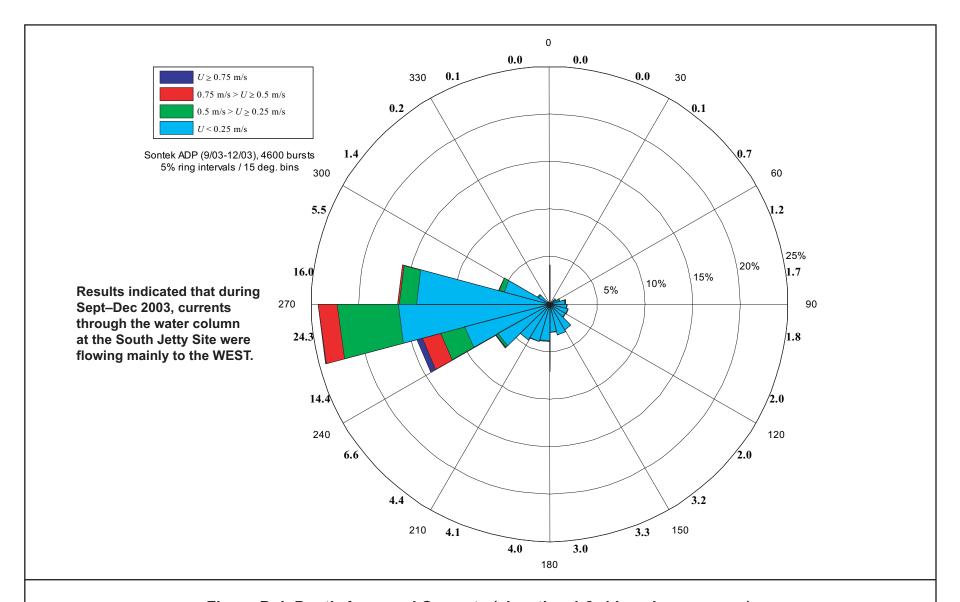


Figure D-4. Depth Averaged Currents (elevation 1.6–14 m above sensor)





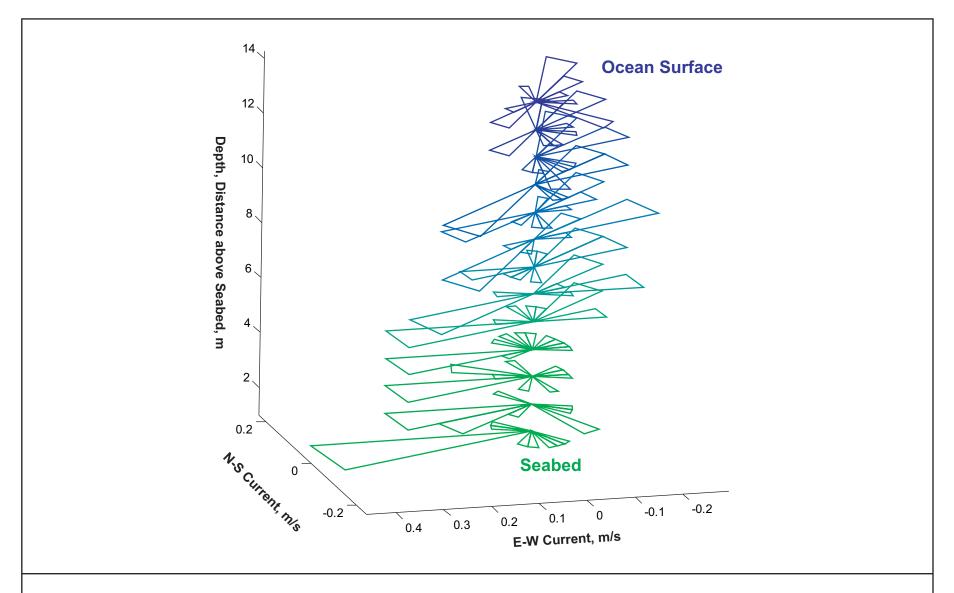




Figure D-5. Distribution of Current through Water Column at South Jetty Site during Sept–Nov 2003



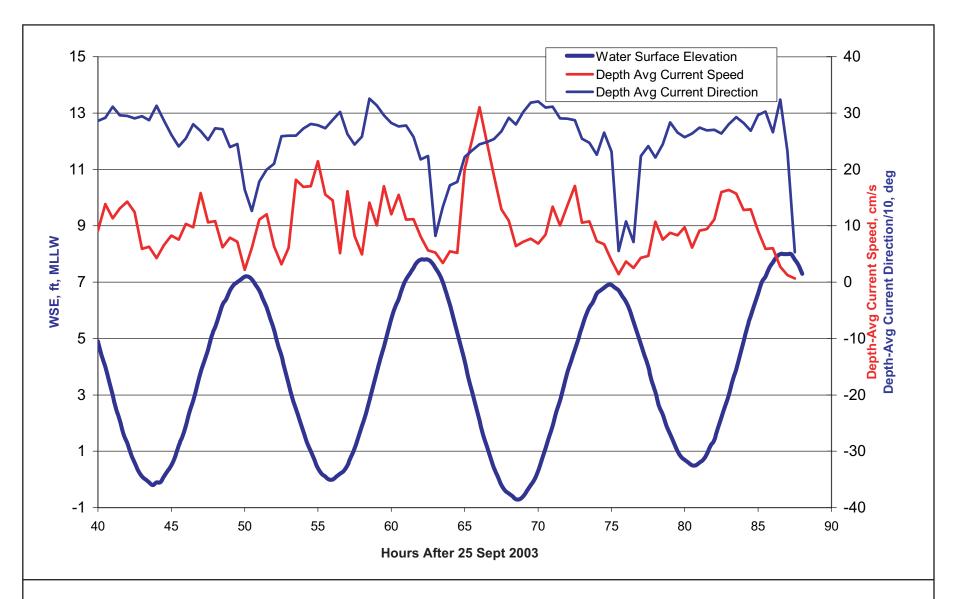




Figure D-6. Observed Tide and Depth Averaged Current at MCR South Jetty Site during 27–28 Sept 2003 (used to simulate 2005 disposal)



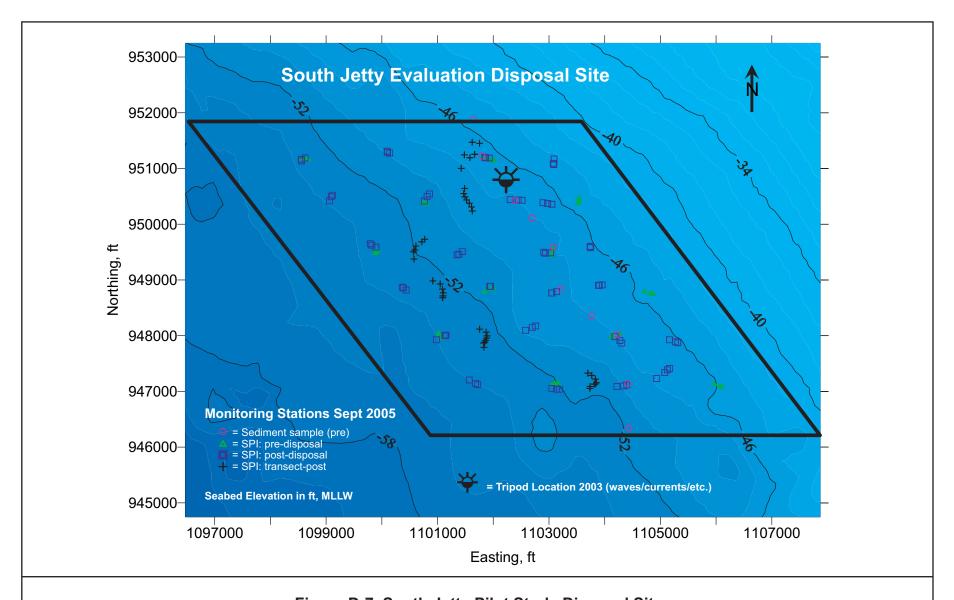


Figure D-7. South Jetty Pilot Study Disposal Site





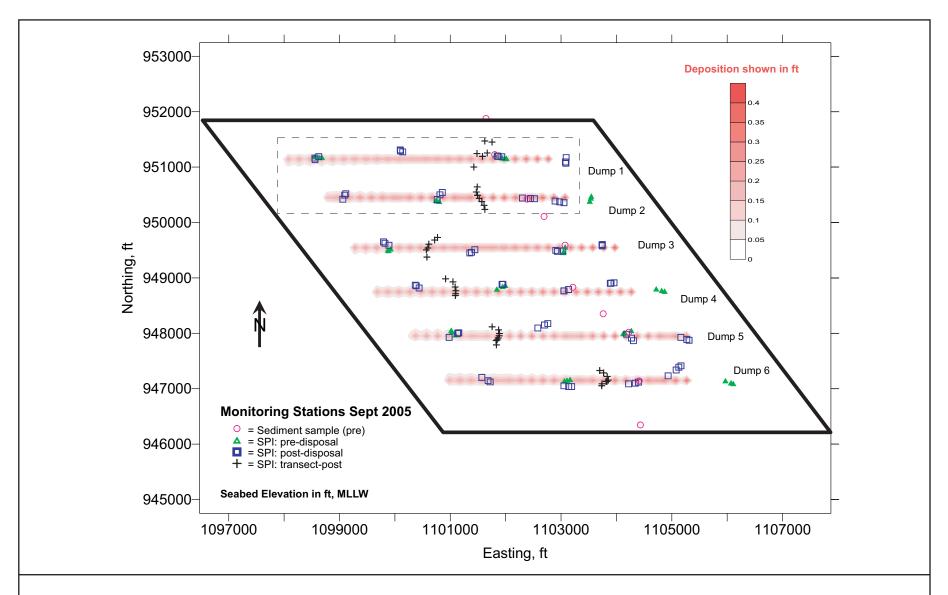




Figure D-8. MDFATE Model Simulation of Dredged Material Distribution on Seabed at South Jetty Site for Six Disposal Events Conducted by Hopper Dredge Essayons during 14–15 Sept 2005



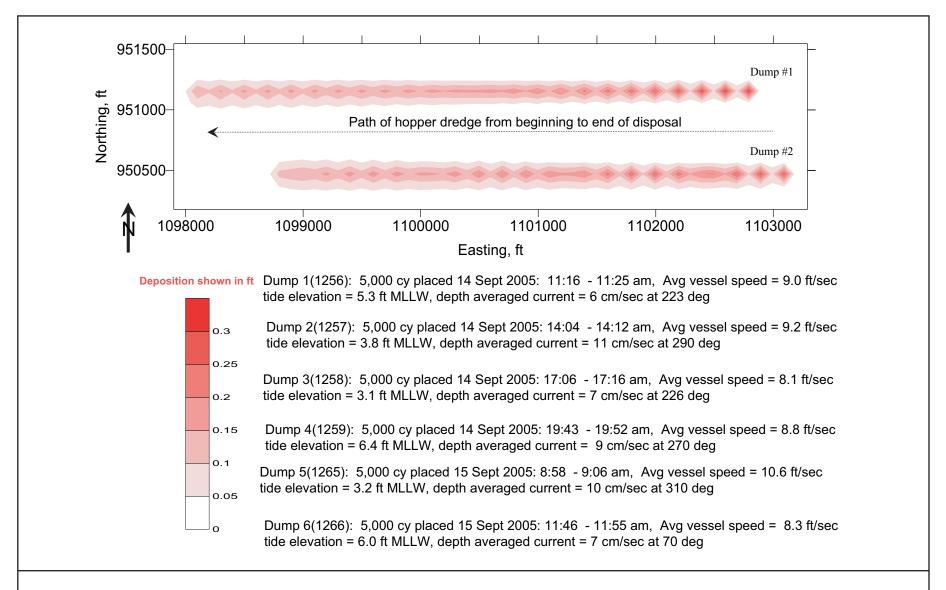




Figure D-9. MDFATE Model Simulation of Dredged Material Distribution on Seabed at South Jetty Site

